

EXECUTIVE SUMMARY

Date Summary Prepared: August 26, 2010

Mine Name: Pelican Point Quarry	I.D. Number: M/049/0011
Operator: Geneva Rock Products, Inc.	Date Revised Notice Received: 12/3/2009
Address: 1565 West 400 North Orem, Utah 84059	County: Utah County
	New/Existing: The operation is expanding from 70 to 217 acres including addition of a concrete batch plant.
	Mineral Ownership: FEE /SITLA
Contact Person: Mike Edwards	Surface Ownership: FEE /SITLA
Telephone: 801-281-7890	Lease No.(s): ML 46040

Life of Mine: 50 plus years**Legal Description:** Portions of the SE 1/4 SE 1/4 of Section 30, and the N 1/2 SE 1/4 and the NE 1/4 of Section 31, Township 6 South Range 1 East, SLBM, Utah County, Utah**Mineral(s) to be Mined:** Limestone, Rock Aggregate**Acres to be Disturbed:** Current disturbance is 70 acres. Will expand to approximately 138 acres over the next five years and to 217 acres by the end of mine life. The entire 217 acres will be bonded for reclamation.**Present Land Use:** Grazing, wildlife habitat**Postmining Land Use:** Grazing, wildlife habitat**Variances from Reclamation Standards (Rule R647) Granted:** No Variances are approved, but no topsoil was salvaged in much of the existing disturbed area because it was mined prior to the Utah Mined Land Reclamation Act. The operator will attempt to salvage extra soil from newly disturbed areas, as well and make a suitable plant growth material from fines and other unconsolidated materials.**Soils and Geology**

Soil Description: There are 4 soil types that exist within the permit area: 1. The Amtoft, moist-rock outcrop complex, which occurs on ridges and steeper slopes. Depth of this soil is 10 to 20 inches to bedrock. 2. The Donnardo Stony Loam Alluvium, which occurs on alluvial fans and is derived from limestone and sandstone. Depth to bedrock is usually more than 80 inches. 3. Donnardo Stony Loam (25-40% slopes) occurs between the alluvium and the rock outcrops/ridges. Depth to bedrock is about 80 inches. Depth of topsoil on the previous 3 soil types ranges between 0 and 10 inches. 4. Pits/dumps – this is areas that have been drastically disturbed by past mining activities. Results of lab analysis of these soils show that these soils are suitable for reclamation, without the need for additional fertilizers or soil amendments. An average of 6 inches of soil will be available for salvage and stockpiling for reclamation, yielding approximately 118,580 cubic yards of topsoil.

pH: Ranges from 6.9 to 7.1 pH units.

Geology Description: Geology of the area is made up of Mississippian Great Blue Limestone, Humbug Formation and Deseret Limestone. The formations are the source of high-quality calcium carbonate used historically for sugar refining. Quaternary surficial alluvium and colluvium formed from alluvial outwash from the Lakeside Mountains. Alluvial materials were also influenced by the Quaternary Lake Bonneville deposits.

Hydrology

Ground Water Description: There have been three water wells drilled within a one-mile radius of the permit area, one of which is within the permit area. Geneva Rock has the water right (#57-2973) for this well which is 1000 acre-feet for dust suppression. This well is 1,200 feet deep. Other than this well, ground water has not been encountered during past mining operations, and considering the depth of the water in the well, mining is not expected to reach the water table.

Surface Water Description: There are no perennial streams or intermittent waters within the permit area. Run-off into the quarry is from sheet flow. Utah Lake is approximately 1/3 mile away to the east of the permit area and on the opposite side of State Highway 68.

Water Monitoring Plan: There are no water monitoring plans required for this operation.

Ecology

Vegetation Type(s); Dominant Species: Pre mining vegetation of the area was likely an upland mountain grass/shrubland. Past disturbances and wildfires have affected most of the vegetation in the area. A vegetation survey completed in 1996 revealed that the total vegetation cover of the area was 56%. Common species observed included bluebunch wheatgrass, Nevada bluegrass, Indian ricegrass, bottlebrush squirreltail, black sage, antelope bitterbrush, birchleaf mountain mahogany, Utah juniper and single leaf pinion. The weedy species, cheatgrass and broom snakeweed, were also prevalent.

Wildlife Concerns: The permit area contains year-long habitat for mule deer. There are no known threatened or endangered species, or species of special concern within a mile of the permit area. However, there is potential for Ferruginous hawks and pelicans to utilize these environs.

Surface Facilities:

Mining and Reclamation Plan Summary:

During Operations: Rock is removed by drilling and blasting to release a lift of rock approximately 50 feet deep and up to two acres in size and sequentially working downward. When all the blasted rock is removed, another blast is set. Approximately 750 feet of limestone will be removed. Rock is moved from the working face by truck to the processing area where it is screened, crushed, and stockpiled for future processing or use. The operator has obtained an air quality permit and has a storm water management plan. The area is fenced and gated to control public access to the area.

After Operations: The goal of reclamation is to return the area to wildlife habitat and grazing. All facilities and structures will be removed. The highwall will be mined at an overall 1h:1v slope. Highwall benches will be approximately 25 feet wide. Berms will be left at the top of the highwall. Pre-existing highwall sections that are not affected by this operation will remain at the current slope configuration. Other areas of disturbance will be regraded to 3h:1v slopes or flatter, and the quarry floor will be sloped at 1% toward the highwall to prevent runoff. Topsoil will then be re-applied at a 6-inch depth, ripped to alleviate compaction, and the area will be seeded with a mix of grasses, forbs and shrubs that were selected to provide quality forage and habitat for wildlife and grazing animals.

Surety

Amount: Current surety is \$497,400. Will increase to \$1,092,000 with this revision.

Form: Current surety bond with Traveler's Casualty and Surety.

Renewable Term: 5 years.

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